



Crop Progress and Condition



National Agricultural Statistics Service

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Released: July 7, 2014

ALASKA: There were 5.5 days suitable for fieldwork last week. Temperatures were in the 70's and 80's across the State with the Fairbanks receiving over three inches of rain. Topsoil moisture supplies were reported as 5% very short, 5% short, 90% adequate. Subsoil moisture supplies were reported as 5% short, 95% adequate. Barley was reported as 20% headed. Oats were reported as 10% in-boot. Potatoes were reported as 98% emerged. First cutting of hay was 20% complete. Condition of barley was reported 25% poor, 50% fair, 25% good. Condition of oats was reported as 20% poor, 50% fair, 30% good. Condition of all hay was reported 15% poor, 35% fair, 40% good, 10% excellent. Wind and rain damage to crops was reported as 95% none, 5% light. Rate of crop growth was reported as 50% moderate, 50% rapid. The main farm activities for the week were harvesting hay, weed control, field cultivation, farm and fence maintenance.

CROP WEATHER SUMMARY

June 30 – July 6, 2014

Days Suitable for Fieldwork: 5.5

Crop	Topsoil Moisture	Subsoil Moisture
Very Short	5%	0%
Short	5%	5%
Adequate	90%	95%
Surplus	0%	0%
Pan Evaporation ^{1/} UAF-AFES, Trunk Rd		1.20

TANANA VALLEY: An average of 5.0 days was suitable for fieldwork. Topsoil moisture and subsoil moisture were both reported as 100% adequate. Barley was reported as 20% headed. Oats were as 10% in-boot. Potatoes were reported as 100% emerged. First cutting of hay was 20% complete. Condition of barley was reported 25% poor, 50% fair, 25% good. Condition of oats was reported 25% poor, 50% fair, 25% good. Condition of all hay was reported as 25% poor, 25% fair, 30% good, 20% excellent. Wind and rain damage to crops was reported as 95% none, 5% light. Rate of crop growth was reported as 50% moderate, 50% rapid. Farm activities for the week included harvesting hay, seeding oats and grass, fence construction and maintenance. Farmer's market produce included lettuce, green onions, tomatoes, cucumbers and greens.

MATANUSKA VALLEY: An average of 6.0 days was suitable for fieldwork. Topsoil moisture was reported as 10% very short, 10% short, 80% adequate. Subsoil moisture was reported as 15% short, 85% adequate. Potatoes were reported as 98% emerged. First cutting of hay was 20% complete. Condition of all hay was reported as 10% poor, 50% fair, 40% good. Wind and rain to crops was reported as 95% none, 5% light. Rate of crop growth was reported as 50% moderate, 50% rapid. Farm activities for the week included cutting hay, harvesting vegetables, weed control, field preparation, farm maintenance.

KENAI PENINSULA: An average of 6.0 days was suitable for fieldwork. Topsoil and subsoil moisture were both reported as 100% adequate. First cutting of hay was reported as 20% complete. Condition of all hay was reported as 100% good. No damage to crops from wind and rain was reported. Farm activities for the week included harvesting hay, farm maintenance.

Soil Temperatures (F⁰) at 4 inch depth

	Grass			Fallow land			Temperature		Precipitation (inches)
	2014	2013	2012	2014	2013	2012	High	Low	
UAF-AFES, Trunk Rd	59	56	58	58	57	na	77	43	0.05
Sawmill Creek	56	51	56	na	na	na	81	40	0.88
Plant Materials Center	58	na	56	57	na	59	81	45	0.46

^{1/} Pan evaporation is an indirect estimation of evapotranspiration or consumptive water use by plants. For purposes of watering or irrigation of plants, it is a good indicator of climatic effects on water use by crops. A positive reading indicates that evaporation exceeded precipitation. na – not available.

Weekly Weather Statistics — Alaska: June 30 - July 6, 2014

Weather station	Air temperature				Last week precipitation		Season cumulative precipitation			Growing degree days		
	Hi	Low	AVG	DFN	Total inches	Days	Total inches	DFN	Days	Base 50		Base 40
										Total	DFN	Total
Fairbanks International.....	84	50	63	+0	3.37	3	6.82	+4.52	19	397	-20	1,014
Fairbanks-Eielson	82	48	60	-3	2.25	3	4.56	+1.74	10	256	-133	806
Nenana	83	48	61	+0	1.58	4	7.00	+5.22	21	280	-66	853
Fort Greely-Allen	81	47	59	-3	1.28	3	6.18	+2.49	21	238	-119	803
Healy River Airport.....	81	47	60	+1	1.01	3	3.87	+0.30	26	184	-79	743
Gulkana Airport	81	38	58	+2	0.95	2	2.79	+0.30	14	105	-50	691
Sutton	75	48	59	+4	0.14	2	4.29	+1.59	30	134	-27	730
Palmer	78	46	60	+4	0.03	1	2.69	+0.36	17	264	+21	913
Talkeetna	85	48	63	+6	0.05	1	5.12	+0.53	25	249	+16	866
Willow Airport.....	78	52	63	+6	0.06	2	4.23	+2.28	29	291	+86	942
Anchorage International	76	52	63	+6	0.06	1	3.67	+1.67	20	309	+89	961
Kenai.....	73	41	55	+2	0.01	1	3.30	+0.98	25	101	+0	638
Homer.....	74	45	57	+5	0.00	0	2.39	+0.12	21	143	+63	765
Kodiak.....	74	47	59	+7	0.06	2	7.45	-5.14	18	154	+78	732

Summary based on NWS data.

DFN=Departure from normal.

Precipitation days=Days with precipitation of 0.01 inch or more.

Season cumulative precipitation total starts May 1, 2014.

For more weather information visit www.awis.com or call 1-888-798-9955.

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